

Appl. No. 09/692,634
Docket No. 8308
Customer No. 27752

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 1 (Currently Amended) A method for treating cold or influenza viruses wherein the method comprises the step of spraying into the nasal turbinates a composition comprising: from about 1% to about 20% pyroglutamic acid and ~~an~~ from about 0.01% to about 10% organic acid having a dissociation constant (pKa) value from about 3.0 to about 5.0; and a pH adjusting agent; wherein said composition has a pH of less than 4.5; wherein the composition is a homogeneous liquid solution having a pH value from about 3.5 to about 5.5 on the nasal tissues.

Claim 2 (Canceled)

Claim 3 (Canceled)

Claim 4 (Currently Amended) The method according to claim 3-1 wherein the organic acid is selected from the group consisting of ascorbic acid, mono-, di-, tri-carboxylic acids and mixtures thereof.

Claim 5 (Previously Presented) The method according to claim 4 wherein the organic acid is selected from the group consisting of salicylic, fumaric, benzoic, glutaric, lactic, citric, malonic, acetic, glycolic, malic, adipic, succinic, aspartic, phthalic, tartaric, glutamic, gluconic, and mixtures thereof.

Claim 6 (Previously Presented) The method according to claim 1 wherein the composition further comprises a mucoadhesive agent wherein the viscosity of the final composition is less than about 1000 cps wherein the composition has a pH of about 3.5.

Claim 7 (Previously Presented) The method according to claim 6 wherein the mucoadhesive agent is selected from the group consisting of carboxypolymethylene,

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carboxyvinyl polymers, homopolymers of acrylic acid crosslinked with an allyl ether of pentaerythritol, homopolymers of acrylic acid crosslinked with an allyl ether of sucrose, homopolymers of acrylic acid crosslinked with divinyl glycol, and mixtures thereof.

Claim 8-19 (Canceled).

Claim 20 (Previously Presented) The method according to claim 1 wherein the composition further comprises salts of metals selected from the group consisting of: zinc, copper, tin, silver, iron, aluminum, nickel, cobalt, manganese, and mixtures thereof.

Claim 21 (Previously Presented) The method according to claim 20 wherein the metal salt is at a level from about 0.01% to about 10% by weight of the composition.

Claim 22 (Previously Presented) The method according to claim 21 wherein the metal salt is selected from the group consisting of acetates, ascorbates, chlorides, benzoates, citrates, gluconates, glutarates, lactates, malates, malonates, salicylates, succinates, and combinations thereof.

Claim 23 (Canceled)

Claim 24 (Canceled)

Claim 25 (Canceled)

Claim 26 (Previously Presented) The method according to claim 20 comprising a mucoadhesive agent wherein the viscosity of the final composition is less than about 1000 cps wherein the composition has a pH of about 3.5.

Claim 27 (Previously Presented) The method according to claim 26 wherein the mucoadhesive agent is selected from the group consisting of carboxypolymethylene, carboxyvinyl polymers, homopolymers of acrylic acid crosslinked with an allyl ether of

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pentaerythritol, homopolymers of acrylic acid crosslinked with an allyl ether of sucrose, homopolymers of acrylic acid crosslinked with divinyl glycol, and mixtures thereof.

Claims 28-30 (Canceled).

Claims 31-53 (Canceled)

Claim 31 54 (Currently Amended) The method according to claim 1 wherein the pH adjusting agent is selected from the group consisting of: sodium bicarbonate, sodium phosphate, sodium hydroxide, ammonium hydroxide, sodium stannate, triethanolamine, sodium citrate, and mixtures thereof.

Claim 32 55 (Canceled)

Claim 33 56 (Canceled)

Claim 34 57 (Currently Amended) A method for treating cold or influenza viruses wherein the method comprises the step of spraying into the nasal turbinates a composition comprising: pyroglutamic acid, wherein the pyroglutamic acid is at a level from about 1% to about 20% by weight of the composition; an from about 0.01% to about 10% organic acid organic acid selected from the group consisting of: ascorbic acid, citric acid, and mixtures thereof; a pH adjusting agent; wherein said composition has a pH of less than 4.5; and wherein the composition is a homogeneous liquid solution having a pH value from about 3.5 to about 5.5 on the nasal tissues.

Claim 35 58 (Currently Amended) The method according to claim 34 wherein the pH adjusting agent is selected from the group consisting of: sodium bicarbonate, sodium phosphate, sodium hydroxide, ammonium hydroxide, sodium stannate, triethanolamine, sodium citrate, and mixtures thereof.

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Claim 36 59(Currently Amended) The method according to claim 34 wherein the composition further comprises metal salts of metals selected from the group consisting of: zinc, copper, tin, silver, iron, aluminum, nickel, cobalt, manganese, and mixtures thereof.

Claim 37 60 (Currently Amended) The method according to claim 36 wherein the metal salt is selected from the group consisting of: acetates, ascorbates, chlorides, benzoates, citrates, gluconates, glutarates, lactates, malates, malonates, salicylates, succinates, and combinations thereof.